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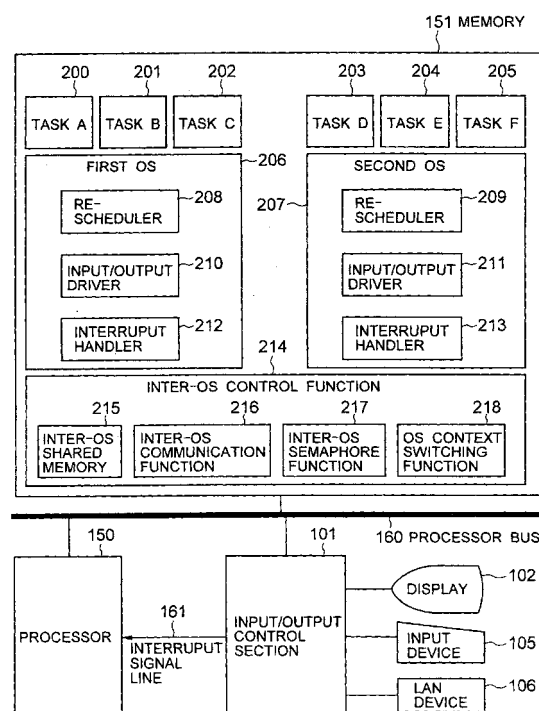
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(54) **An information processing apparatus**

(57) An information processing apparatus wherein a plurality of operating systems (206, 207) operate on a single processor and a framework (shared object (219)) enabling reliable and quick sharing of correct information between the plurality of operating systems is provided. The apparatus has a function the plurality of operating systems can create, register and refer to the shared object (19) which provides an interface for registration and reference of information. The shared object (219) is operated so that, while one of the operating systems is registering information or referring thereto, the other operating system is inhibited from registering the information and referring thereto. When one operating system finished the registration or reference of the information, one operating system informs the other operating system of the fact.

**FIG. 3**





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## EUROPEAN SEARCH REPORT

Application Number  
EP 01 10 4524

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G06F G01S
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		25 November 2004	Uhlmann, N
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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## EUROPEAN SEARCH REPORT

Application Number  
EP 01 10 4524

DOCUMENTS CONSIDERED TO BE RELEVANT			
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	* column 25, line 61 - column 26, line 56 *		
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		25 November 2004	Uhlmann, N
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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### CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

### LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



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LACK OF UNITY OF INVENTION  
SHEET B

Application Number  
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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-4

Information processing apparatus with plurality of operating systems, with shared information function and synchronisation, notification, access limitation and interface means  
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2. claims: 5-10

Information processing apparatus, which receives and displays position information, and combines it with additional information  
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 10 4524

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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25-11-2004

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